

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method of controlling a multicall in a telecommunications system over a transmission path between a telecommunications network and a subscriber terminal, comprising
setting up any new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or
(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls.
2. (Original) A method according to claim 1, wherein a decision whether the new bearer is required or whether said existing bearer is to be used is made by the network according to said criterion.
3. (Previously Presented) A method according to claim 1, wherein said criterion is a preference of a user of said subscriber terminal.
4. (Previously Presented) A method of controlling a multicall in a telecommunications system over a transmission path between a telecommunications network and a subscriber terminal, comprising
setting up any new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or
(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls, and
indicating in a call setup signalling from said subscriber equipment to said network whether the new bearer is required or whether said existing bearer is to be used.
5. (Previously Presented) A method according to claim 1, comprising a step of indicating in a call setup signalling which existing bearer is to be used.

6. (Original) A method according to claim 5, wherein said step of indicating comprises a step of
indicating in the call setup signalling a bearer ID of the existing bearer to be used.

7. (Previously Presented) A method according to claim 1, comprising a step of allocating a dedicated bearer to the new call by a default by the network if the user does not indicate in the call setup any existing bearer to be used.

8. (Previously Presented) A method according to claim 1, comprising a step of changing a call currently being on a shared bearer to use a new dedicated bearer.

D 1 9. (Currently Amended) A method ~~according to claim 8~~, of controlling a multicall in a telecommunications system over a transmission path between a telecommunications network and a subscriber terminal, comprising
setting up any new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or
(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls, and
changing a call currently being on a shared bearer to use a new dedicated bearer,
wherein said step of changing comprises the steps of

(iii) sending, from the subscriber equipment to the network, a call setup message containing a transaction identifier of said call currently on the shared bearer and an indication that a ~~new~~ dedicated bearer is requested,

(iv) allocating in response to said call setup message, a new dedicated bearer and transferring the call indicated by the transaction identifier received to said allocated bearer by the network.

10. (Previously Presented) A method according to claim 1, comprising a step of changing a call currently using a dedicated bearer to use another bearer shared with at least other call.

11. (Currently Amended) A method ~~according to claim 10~~, of controlling a multicall in a telecommunications system over a transmission path between a telecommunications network and a subscriber terminal, comprising
setting up any new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or
(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls, and
changing a call currently using a dedicated bearer to use another bearer shared with at least one other call, wherein said step of changing comprises the steps of
(iii) sending, from the subscriber equipment to the network, a call setup message containing a transaction identifier of said call having the dedicated bearer and a bearer ID indicating the shared bearer to be used,
(iv) transferring, by the network in response to said call setup message, the call indicated by the transaction identifier received to said existing bearer.

12. (Previously Presented) A method of controlling a multicall in a telecommunications system over a transmission path between a telecommunications network and a subscriber terminal, comprising
setting up any new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or
(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls, and
putting an existing call on an existing bearer of said multicall into a hold mode prior to setting up said new call on said existing bearer.

13. (Previously Presented) A method according to claim 1, comprising a step of alternating the calls on a shared bearer between an active mode and said hold mode by the user.

14. (Original) A method according to claim 13, wherein said alternating comprises a step of
sending a hold message containing a transaction identifier of a call in order to put the respective call on hold.

15. (Currently Amended) A method ~~as claimed in claim 1, comprising a step of~~
controlling a multicall in a telecommunications system over a transmission path between a
telecommunications network and a subscriber terminal, comprising
offering a new subscriber-equipment-terminating call to the user by means of a call
waiting supplementary service, and
setting up a new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or
(ii) setting up said new call on an existing bearer such that said existing bearer is
shared by at least two calls.

DI 16. (Previously Presented) A method as claimed in claim 1, comprising a step of
offering a new subscriber-equipment-terminating call to the- user by means of a call
waiting supplementary service only when a maximum number of the bearers allowed has
been used by the multicall.

17. (Previously Presented) A method according to claim 1, wherein said
telecommunications system comprises two telecommunications networks of different
generations, the first one of the telecommunications networks supporting both shared bearers
and dedicated bearers for a multicall, and the second one of the telecommunications networks
supporting only the shared bearers for a multicall, and said method comprises an inter-
network multicall handover comprising the steps of
putting calls of the multicall subjected to handover irrespective of whether they have
been in a dedicated bearer mode or a shared bearer mode, on a common shared bearer in said
first network prior to the handover,
carrying out of handover said multicall onto a shared bearer in said second
telecommunications network.

18. (Previously Presented) A telecommunications system comprising an
arrangement for controlling a multicall over a transmission path between a
telecommunications network and a subscriber terminal, the network being configured to set
up a new call in an existing multicall, according to a criterion, either by
(i) setting up said new call on a new bearer, or

(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls.

19. (Original) A system according to claim 18, wherein a decision whether the new bearer is required or whether said existing bearer is to be used is made by the network according to said criterion.

20. (Previously Presented) A system according to claim 18, wherein said criterion is a preference of a user of said subscriber terminal.

D1 21. (Previously Presented) A telecommunications system comprising an arrangement for controlling a multicall over transmission path between a telecommunications network and a subscriber terminal, the network being configured to set up a new call in an existing multicall, according to a criterion, either by

(i) setting up said new call on a new bearer, or

(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls, and wherein a call setup signalling from said subscriber equipment to said network contains an indication whether the new bearer is required or whether said existing bearer is to be used.

22. (Previously Presented) A system according to claim 18, wherein said call setup signalling contains an indication which existing bearer is to be used, preferably the bearer ID of the existing bearer which is to be used, and wherein the network is arranged to allocate a dedicated bearer to the new call by a default if no indication of any existing bearer to be used is received in said call setup signalling.

23. (Currently Amended) A system according to claim 18, wherein telecommunications system comprising an arrangement for controlling a multicall over transmission path between a telecommunications network and a subscriber terminal, wherein the network being configured to set up a new call in an existing multicall, according to a criterion, either by

(i) setting up said new call on a new bearer, or

(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls; and

the subscriber equipment is arranged to send to the network a call setup message for changing a call currently being a shared bearer to use a new dedicated bearer, said message containing a transaction identifier of said call and an indication that a new dedicated bearer is requested,

the network is responsive to said call setup message for allocating a new dedicated bearer and transferring the call indicated by the received transaction identifier to said allocated bearer.

24. (Previously Presented) A system according to claim 18, wherein the subscriber equipment is arranged to send to the network a call setup message for changing a call currently using a dedicated bearer to use another bearer shared with at least other call, said message containing a transaction identifier of said call having the dedicated bearer and a bearer ID indicating the shared bearer to be used,

the network is responsive to said call setup message for transferring the call indicated by the transaction identifier received to said existing bearer.

25. (Previously Presented) A system according to claim 18, wherein the network is arranged to offer a new subscriber equipment terminating call to the user by means of a call waiting supplementary service on a shared bearer either always or only when a maximum number of the bearers allowed has been used by the multicall.

26. (Previously Presented) A telecommunication system comprising an arrangement for controlling a multicall over a transmission path between a telecommunications network and a subscriber terminal, the network being configured to set up a new call in an existing multicall, according to a criterion, either by

(i) setting up said new call on a new bearer, or

(ii) setting up said new call on an existing bearer such that said existing bearer is shared by at least two calls, and

the network being further arranged to put an existing call on said existing bearer of said multicall into a hold mode prior to setting up a new call on said bearer.

D) 27. (Previously Presented) A subscriber terminal for a telecommunications system, said terminal being capable of having a multicall over a transmission path between a telecommunications network and a subscriber terminal, the terminal being configured to be able to indicate at a setup stage of a new call in an existing multicall whether said new call is set up on a new bearer or on an existing bearer such that said existing bearer will be shared by at least two calls.

28. (Original) A subscriber terminal according to claim 27, wherein said terminal is a mobile station for a mobile communications system.
